Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082521\
Data File : BP006874.D
Acq On : 25 Aug 2021 10:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/26/2021 11:40:26 AM

Quant Time: Aug 25 11:28:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 11:27:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	123254	20.000	ng		0.00
21) Naphthalene-d8	10.463	136	492529	20.000	ng	#	0.00
39) Acenaphthene-d10	14.328	164	277259	20.000	ng		0.00
64) Phenanthrene-d10	17.086	188	547474	20.000	ng	#	0.00
76) Chrysene-d12	21.192	240	558175	20.000	ng	#	0.00
86) Perylene-d12	23.498	264	604224	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	656682	81.833	ng		0.00
7) Phenol-d6	6.869	99	877560	76.985	ng		0.00
23) Nitrobenzene-d5	8.846	82	864403	81.008	ng		0.00
42) 2,4,6-Tribromophenol	15.828	330	256747	88.605	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	1535907	82.880	ng		0.00
79) Terphenyl-d14	19.669	244	2298064	82.498	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	137384	39.324	ng		96
3) Pyridine	3.628	79	381450	37.148	ng		98
4) n-Nitrosodimethylamine	3.546	42	135481	34.957	ng	#	78
6) Aniline	7.022	93	467786	37.779	ng		97
8) 2-Chlorophenol	7.252	128	350833	40.407	ng		93
9) Benzaldehyde	6.840	77	247156	36.024	ng		93
10) Phenol	6.899	94	432168	37.809	ng		99
11) bis(2-Chloroethyl)ether	7.122	93	327290	37.710	ng		94
12) 1,3-Dichlorobenzene	7.569	146	369457	40.828	ng		97
13) 1,4-Dichlorobenzene	7.716	146	372003	40.506	ng		95
14) 1,2-Dichlorobenzene	8.028	146	355695	40.362	ng		96
15) Benzyl Alcohol	7.934	79	308885	36.133	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.222	45	339766	32.897	ng		98
17) 2-Methylphenol	8.134	107	282816	39.184	ng		97
18) Hexachloroethane	8.746	117	152253	41.884	ng		90
19) n-Nitroso-di-n-propyla...	8.499	70	281028	36.747	ng		96
20) 3+4-Methylphenols	8.463	107	388633	39.560	ng		97
22) Acetophenone	8.510	105	525968	40.268	ng	#	99
24) Nitrobenzene	8.887	77	442251	39.870	ng		92
25) Isophorone	9.410	82	764226	39.875	ng		94
26) 2-Nitrophenol	9.593	139	181309	44.915	ng		94
27) 2,4-Dimethylphenol	9.657	122	274403	40.594	ng		93
28) bis(2-Chloroethoxy)met...	9.898	93	400187	39.025	ng		98
29) 2,4-Dichlorophenol	10.122	162	294889	43.089	ng		95
30) 1,2,4-Trichlorobenzene	10.328	180	305371	41.525	ng		97
31) Naphthalene	10.516	128	1072539	40.525	ng		99
32) Benzoic acid	9.816	122	220265	42.121	ng		89
33) 4-Chloroaniline	10.640	127	426591	39.832	ng		95
34) Hexachlorobutadiene	10.793	225	190346	44.417	ng		99
35) Caprolactam	11.445	113	100016	40.529	ng	#	69
36) 4-Chloro-3-methylphenol	11.775	107	363206	41.771	ng		90
37) 2-Methylnaphthalene	12.134	142	732047	40.819	ng		100
38) 1-Methylnaphthalene	12.357	142	692095	40.609	ng		97
40) 1,2,4,5-Tetrachloroben...	12.504	216	308196	42.471	ng	#	96
41) Hexachlorocyclopentadiene	12.475	237	138581	36.007	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	219536	44.307	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	236826	43.179	ng	#	88
46) 1,1'-Biphenyl	13.157	154	867547	41.339	ng		97
47) 2-Chloronaphthalene	13.198	162	669823	41.447	ng		94
48) 2-Nitroaniline	13.416	65	232692	40.800	ng		87
49) Acenaphthylene	14.045	152	1087144	41.719	ng		100
50) Dimethylphthalate	13.798	163	827444	40.999	ng		99
51) 2,6-Dinitrotoluene	13.922	165	186399	41.390	ng	#	78
52) Acenaphthene	14.392	154	652291	41.130	ng		97
53) 3-Nitroaniline	14.251	138	206024	41.266	ng		86
54) 2,4-Dinitrophenol	14.463	184	92824	39.415	ng	#	79
55) Dibenzofuran	14.728	168	1024482	41.068	ng		93
56) 4-Nitrophenol	14.569	139	173889	40.112	ng	#	87
57) 2,4-Dinitrotoluene	14.710	165	260898	43.198	ng	#	75
58) Fluorene	15.381	166	824234	41.338	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	199537	43.412	ng	#	69
60) Diethylphthalate	15.169	149	889319	41.953	ng		97
61) 4-Chlorophenyl-phenyle...	15.381	204	376775	41.727	ng	#	89
62) 4-Nitroaniline	15.416	138	199701m	37.695	ng		
63) Azobenzene	15.675	77	1034341	41.852	ng		93
65) 4,6-Dinitro-2-methylph...	15.475	198	139874	41.814	ng		71
66) n-Nitrosodiphenylamine	15.598	169	705765	41.014	ng		98
67) 4-Bromophenyl-phenylether	16.281	248	222818	42.417	ng	#	87
68) Hexachlorobenzene	16.386	284	250929	41.977	ng	#	91
69) Atrazine	16.569	200	224962	41.895	ng		96
70) Pentachlorophenol	16.733	266	164109	43.269	ng		99
71) Phenanthrene	17.128	178	1271131	41.163	ng		99
72) Anthracene	17.222	178	1254138	42.029	ng		100
73) Carbazole	17.498	167	1258328	41.343	ng		97
74) Di-n-butylphthalate	18.063	149	1524180	43.955	ng		99
75) Fluoranthene	19.110	202	1457660	42.055	ng		96
77) Benzidine	19.304	184	585540	41.922	ng		100
78) Pyrene	19.463	202	1503974	40.339	ng		99
80) Butylbenzylphthalate	20.351	149	718279	43.812	ng		87
81) Benzo(a)anthracene	21.180	228	1506681	41.303	ng		100
82) 3,3'-Dichlorobenzidine	21.121	252	398196	41.580	ng	#	97
83) Chrysene	21.227	228	1458802	41.250	ng		98
84) Bis(2-ethylhexyl)phtha...	21.116	149	1089146	44.208	ng	#	95
85) Di-n-octyl phthalate	22.015	149	1911992	47.085	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.874	276	1838836	41.970	ng	#	91
88) Benzo(b)fluoranthene	22.798	252	1597184	40.672	ng	#	97
89) Benzo(k)fluoranthene	22.845	252	1514984	40.181	ng	#	96
90) Benzo(a)pyrene	23.398	252	1468854	41.702	ng	#	96
91) Dibenzo(a,h)anthracene	25.892	278	1584188	41.820	ng	#	95
92) Benzo(g,h,i)perylene	26.603	276	1539000	42.396	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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